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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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09/405,335 09/24/99 HANHAN

M P3313CIP

EXAMINER

TM02/0627
CENTRAL COAST PATENT AGENCY
P.O. BOX 187
AROMAS CA 95004

ART UNIT 111 L PAPER NUMBER

DATE MAILED: 2152

06/27/01

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

OFFICE ACTION SUMMARY

☒ Responsive to communication(s) filed on 05/03/2001

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 D.C. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-10 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-10 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of Reference Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

1. Claims 1-10 are presented for examination.
2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-10 rejected under 35 U.S.C. § 103 (a) as being unpatentable over **Kikinis** patent no. **5,727,159**.

4. **Kikinis** was cited as prior art in the last office action.

5. As to claim 1, Kikinis teaches the invention as claimed, including a communication center having agent workstations, a system for enabling a remote agent, using a light computerized device having insufficient power to operate as an agent with full access to data and software tools of the communication center (figure 2), the system comprising:

a proxy server executing a software suite (Proxy server 19, figure 2);

a first two way data link between the proxy server and one of a server or a workstation at the communication center (col. 4 lines 15-34); and

a second two way data link between the proxy server and the light computerized device used by the remote agent (col. 5 lines 34-52);

characterized in that the proxy server, by the software suite, upon establishing a connection over the second data link, ascertains hardware and software characteristics of the light computerized device, establishes a connection to a server at the communication center over the first two way data link at direction of the light computerized device, accesses data and operates software from the server at the communication center on behalf of and according to direction from the light computerized device, transforms the data and results of the software operations into a form useable by the light device, and transmits the transformed information to the light computerized device via the second two way data link (col. 5 line 62 - col. 6 line 36).

However, Kikinis does not explicitly teach said server is a workstation.

Official Notice is taken that a workstation operates as a server is well known.

It would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to combine the well known teachings in Kikinis system to use a workstation to provide server functions because it would reduce cost compare to the cost of using a mainframe.

6. As to claim 2, Kikinis teaches said light computerized device is one of a hand held computer, a personal digital assistant, a portable laptop computer, and a cell telephone (col. 4 lines 35-64).

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7. As to claim 3, Kikinis teaches the proxy server is a LAN connected server in the communication center (col. 4 lines 29-34, and col. 5 lines 53-61).

8. As to claim 4, Kikinis teaches the second two way data link is one of a dial up telephone connection, a wireless connection or a data packet connection via the Internet (col. 5 lines 44-52).

9. As to claim 5, Kikinis teaches the proxy server and the light computerized device execute an instance of a Nano browser enabling Internet Protocol communication over the second data link (col. 7 lines 1-12).

10. Claims 6-10 have similar limitations as claims 1-5; therefore, they are rejected under the same rationale.

11. In the remarks, applicant argued in substance that

(A) Prior art does not teach the connection of a proxy server to a workstation at a communication center over a first two-way data link at direction of the light computerized device.

As to point (A), Kikinis teaches a proxy server 19 which is also labeled ISP2 can open any TCP/IP paths 21 which support two-way data link to connect to any Web server 23 on the Internet base on a command request of the hand-held computer 13 (col. 4 lines 15-34). In addition, Examiner acknowledge that the present limitation claims the proxy server connects to the workstation as requested by applicant. However, Kikinis does not explicitly teach said Web server is a workstation. Official Notice is taken that a workstation operates as a server is well known.

It would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to combine the well known teachings in Kikinis system to use a workstation to provide server functions because it would reduce cost compare to the cost of using a mainframe.

(B) Prior art does not teach accessing data and operating software from the workstation at the communication center on behalf of and according to direction from the light computerized device.

As to point (B), Kikinis teaches a user uses a hand-held computer to remotely access data and capability of remotely executing a host of routines stored in a server (col. 4 lines 15-64, and col. 5 line 62 - col. 6 line 36). However, Kikinis does not explicitly teach said server is a workstation. Official Notice is taken that a workstation operates as a server is well known.

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It would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to combine the well known teachings in Kikinis system to use a workstation to provide server functions because it would reduce cost compare to the cost of using a mainframe.

12. Applicant's arguments filed on 05/03/2001 have been fully considered but they are not deemed to be persuasive.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu, whose telephone number is (703) 305-9650. The examiner can normally be reached Monday through Friday from 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart, can be reached at (703) 305-4815.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

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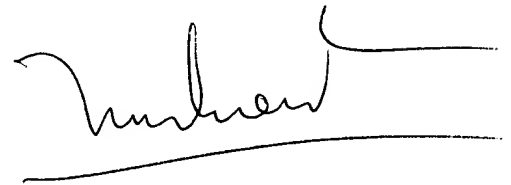
or faxed to:

(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 305-7201 (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal
Drive, Arlington. VA., Sixth Floor (Receptionist).

A handwritten signature in black ink, appearing to read 'Le Hien Luu', is written over a horizontal line.

LE HIEN LUU
PRIMARY EXAMINER

June 25, 2001